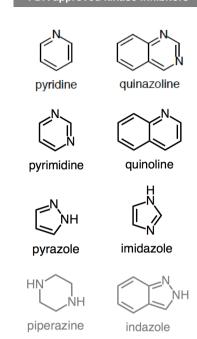


B Heterocycles found frequently in FDA approved kinase inhibitors



С

Heterocycles overrepresented in fragment libraries





aminothiazole

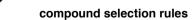
thiophene



1,3,4-thiadiazole



5-methylenethiazolidine-2,4-dione



- 1. Include at least one molecule for each kinase inhibitor ring fragment
- 2. Limit the number of frequently appearing rings to at most one
- 3. Target broad and uniform sampling of logP dynamic range
- 4. Prioritize cheaper molecules



